

**Respiratory Syncytial Virus (RSV)
Vaccines Working Group:
Advisory Committee on Immunization
Practices (ACIP) Update**

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Chair, ACIP RSV Vaccines Working Group

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Overview

- **ACIP RSV Vaccines Work Group was convened to evaluate vaccine use in adults ≥ 60 years and in adults with underlying medical conditions**
 - Vaccine product in phase 3 clinical trials
- **RSV session at June 2016 ACIP meeting focused on providing an overview of RSV and RSV vaccine development, including targeted vaccine populations**
- **On September 15, top-line results from the Novavax RSV F Vaccine phase 3 clinical trial were released**

RSV Vaccine and mAb Snapshot: September 2016

	PRECLINICAL				PHASE 1			PHASE 2	PHASE 3	MARKET APPROVED
LIVE-ATTENUATED/CHIMERIC	AxVax Sendai virus	Incravacc Delta-G RSV	Helixa Vaccines RSV	Sanoft Pasteur RSV	LID/NIAD/NIH ^P RSV LID ΔM2-2	LID/NIAD/NIH ^P RSVD46cpΔM2-2	MedImmune, LID/NIAD/NIH ^P RSV cps2			
	Codagenbc RSV	LID/NIAD/NIH PIV1-3/RSV	Porcificia Universidad Catolica de Chile BCG/RSV	St. Jude Hospital SeV RSV	LID/NIAD/NIH ^P RSV ΔNS2 Δ1313	MedImmune, LID/NIAD/NIH ^P RSV Med1 ΔM2-2				
WHOLE-INACTIVATED	NanoBio RSV									
PARTICLE-BASED	AgilVax VLP	Fraunhofer VLP	Ruhr-Universität Bochum VLP	University of Massachusetts VLP	Novavax ^P RSV F Nanoparticle			Novavax ^M RSV F Nanoparticle		
	Artificial Cell Technologies Paprika microparticle	Georgia State University VLP	TechnoVax VLP	VBI Vaccines RSV F eVLP				Novavax ^E RSV F Nanoparticle		
	DBV Technologies/ IIRA RSV N/Frings	Mecosis BLP RSV pre-F	University of Massachusetts VLP	VLP Biotech VLP						
SUBUNIT	AdvacBio Biotech RSV G+CSA	Instituto de Salud Carlos III RSV F protein	NIH/NIAD/VRC RSV pre-F Protein	University of Saskatchewan RSV F protein	University of Illinois RSV F protein	GlaxoSmithKline ^M RSV post-F Protein		GlaxoSmithKline ^M RSV F protein		
	GlaxoSmithKline RSV F protein	Janssen Pharmaceutical RSV pre-F Protein	PapdVir RSV peptides	University of Georgia RSV G protein		Immunovaccine/ ^E VBI DPX-RSV-SH Protein		MedImmune ^E RSV F protein		
NUCLEIC ACID	CereVax RNA	GlaxoSmithKline RNA	Inovio Pharmaceuticals DNA	Ruhr-Universität Bochum DNA						
GENE-BASED VECTORS	AlphaVax Alphavirus	CerVax Adenovirus	University of Pittsburgh Adenovirus		Baran Nordic ^T MVA	Janssen Pharmaceutical ^P Adenovirus				
	Emergent BioSolutions MVA	Ruhr-Universität Bochum Adenovirus	Vanderbilt University Alphavirus		GlaxoSmithKline ^P Adenovirus	Vaxart ^E Adenovirus				
COMBINATION/IMMUNO-PROPHYLAXIS	Biomedical Research Models DNA prime, particle boost	Fudan University DNA+protein combo	UCAB/mAbXenca Anti-F mAb					MedImmune ^P Anti-F mAb	Regeneron ^P Anti-F mAb	MedImmune ^P Synagis

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<http://www.path.org/vaccineresources/details.php?i=1562>



October 2016 ACIP RSV Vaccines Session

- **Burden of RSV disease in older adults**
 - Dr. Ann Falsey, University of Rochester
- **Update on Novavax RSV vaccine development programs**
 - Dr. Jeffrey Stoddard, Novavax

Next Steps for RSV Vaccines WG

- **Continue to review RSV vaccine product clinical trial data in targeted populations as they become available**
 - Older adults
 - Pregnant women
 - Infants and young children
- **Present to ACIP when new updates in RSV epidemiology and clinical trial data occur**

RSV Vaccines Working Group Members

ACIP Members

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Liaison Representatives

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 - Jeanette St. Pierre
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